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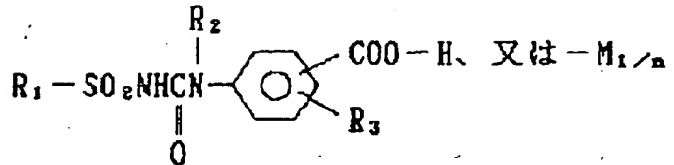
APPLICATION DATE : 20-12-91  
APPLICATION NUMBER : 03338705

APPLICANT : OJI PAPER CO LTD;

INVENTOR : TAKAHASHI YOSHIYUKI;

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TITLE : THERMAL RECORDING MATERIAL



ABSTRACT : PURPOSE: To enhance the oil resistance and plasticizer resistance of a recording image, in a thermal recording material having a thermal color forming layer containing a dye precursor and a developer reacting with the precursor under heating to develop a color, by using a compound represented by a specific chemical formula as the developer.

CONSTITUTION: As the coupler contained in the thermal color forming layer of a thermal recording material, at least one kind of a compound represented by chemical formula (wherein  $R_1$  is one kind of an aromatic group substituted or non-substituted with at least one member selected from a lower alkyl group and a halogen atom,  $R_2$  and  $R_3$  are respectively independently a hydrogen atom, an alkyl group, an alkoxy group, an aralkyl group, an aryl group or a halogen atom and  $M$  is an  $(n)$  valent metal atom, for example, zinc, aluminum, magnesium or calcium) is used. This compound has no phenolic hydroxyl group but has strong color developing capacity to a basic leuco dye.

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